



H-615-05

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Prior Application: N. HARA et al
Serial No. 10/176,582
Filed: June 24, 2002

Group Art Unit: 2177
Examiner: S. Channavajjala
For: DATABASE PROCESSING METHOD

INFORMATION DISCLOSURE STATEMENT

Assistant Commissioner of Patents
Washington, D.C. 20231

Sir:

In accordance with the duty of disclosure, Applicants inform the Examiner of the documents cited during prosecution of the parent application, Serial No. 10/176,582.

Applicants request the Examiner to initial and return a copy of the attached PTO-1449 form to indicate that the references have been considered.

Respectfully submitted,

Shrinath Malur
Registration No. 34,663
Attorney for Applicants

MATTINGLY, STANGER & MALUR
1800 Diagonal Rd., Suite 370
Alexandria, Virginia 22314
(703) 684-1120
Date: July 30, 2003

JUL 30 2003

Sheet 1 of 3

FORM PTO 449
(REV. 7-80)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
H-615-05

SERIAL NO.

LIST OF DOCUMENTS CITED BY APPLICANT
(Use several sheets if necessary)APPLICANT
N. HARA et alFILING DATE
July 30, 2003GROUP
2177**U.S. PATENT DOCUMENTS**

* EXAMINER INITIAL		DOCUMENT	DATE	NAME	CLASS	SUBCLASS	FILING DATE (If Appropriate)
	AA	5,551,029	08/27/96	Jagadish et al			
	AB	5,802,142	09/01/98	Browne			
	AC	5,794,250	08/11/98	Carino, Jr. et al			
	AD	5,664,189	09/02/97	Wilcox et al			
	AE	4,769,772	09/06/88	Dwyer			
	AF	5,819,251	10/06/98	Kremer et al			
	AG	5,778,355	07/07/98	Boyer et al			
	AH	5,754,841	05/19/98	Carino, Jr.			
	AI	5,566,330	10/15/96	Sheffield			
	AJ	5,426,780	06/20/95	Gerull et al			
	AK	5,335,346	08/02/94	Fabbio			

FOREIGN PATENT DOCUMENTS

		DOCUMENT	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	AL						<input type="checkbox"/>	<input type="checkbox"/>
	AM						<input type="checkbox"/>	<input type="checkbox"/>
	AN						<input type="checkbox"/>	<input type="checkbox"/>
	AO						<input type="checkbox"/>	<input type="checkbox"/>
	AP						<input type="checkbox"/>	<input type="checkbox"/>

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	D.B. Lange, "An Abstract Model of the Object-Oriented DBMS", PROCEEDINGS OF THE 27TH ANNUAL HAWAII INTL. CONFERENCE ON SYSTEMS SCIENCES, Vol. IV, January 1994, pp. 807-816.
	AS	S.D. Urban et al, "The Implementation and Evaluation of Integrity Maintenance Rules in an Object-Oriented Database", 8th INTL. CONFERENCE ON DATA ENGINEERING, February 1992, pp. 565-572.
	AT	Karadimce et al, "Refined Triggering Graphs: A Logic-Based Approach to Termination Analysis in an Active Object-Oriented Database", PROCEEDINGS OF THE 12TH INTL. CONF. ON DATA ENGINEERING, 1996, pp. 384-391.

EXAMINER

DATE CONSIDERED

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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FORM PTO-1449
(REV. 7-80)U.S. DEPARTMENT OF COMMERCE
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U.S. PATENT DOCUMENTS

* EXAMINER INITIAL		DOCUMENT	DATE	NAME	CLASS	SUBCLASS	FILING DATE (If Appropriate)
	AA	4,476,528	10/09/84	Matsumoto et al			
	AB	5,572,673	11/05/96	Shurts			
	AC	5,761,493	06/1998	Blakeley et al			
	AD	5,689,698	11/1997	Jones et al			
	AE	5,794,250	08/1998	Carino, Jr. et al			
	AF	5,930,800	07/1999	Hara et al			
	AG	5,619,692	04/1997	Malkemus et al			
	AH	5,671,403	09/1997	Shekita et al			
	AI	5,257,366	10/1993	Adair et al			
	AJ	5,812,996	09/1998	Rubin et al			
	AK	6,041,344	03/2000	Bodamer et al			

FOREIGN PATENT DOCUMENTS

		DOCUMENT	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
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	AL	534466 A2	03/1993	Europe			<input type="checkbox"/>	<input type="checkbox"/>
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	AN						<input type="checkbox"/>	<input type="checkbox"/>
	AO						<input type="checkbox"/>	<input type="checkbox"/>
	AP						<input type="checkbox"/>	<input type="checkbox"/>

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	D.D. Straube et al, "Query Optimization and Execution Plan Generation in Object-Oriented Data Management System", April 1995, Knowledge and Data Engineering, IEEE Transaction, Vol. 7, Issue 2, pp. 210-227.
	AS	
	AT	

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AA	5,987,455	11/1999	Cochrane et al			
AB	5,615,361	03/1997	Leung et al			
AC	5,598,559	01/1997	Chaudhuri			
AD						
AE						
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AH						
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AJ						
AK						

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	DOCUMENT	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
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AO						<input type="checkbox"/>	<input type="checkbox"/>
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